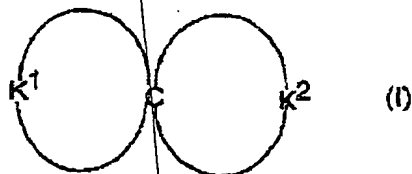


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Claims:

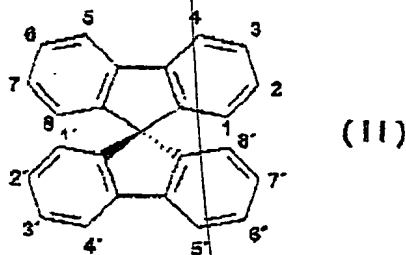
1. Use of spiro compounds of the formula (I)



where

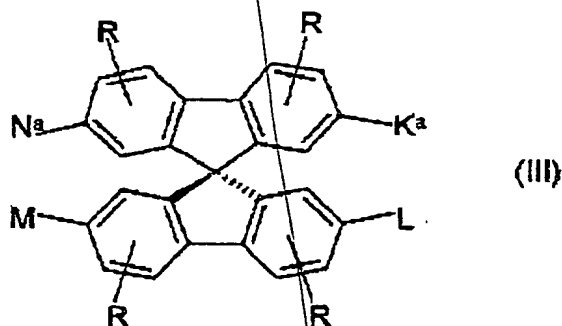
K¹ and K² are, independently of one another, conjugated systems, as a solid laser dye.

2. Use as claimed in claim 1, wherein the spiro compound used is a spirobifluorene of the formula (II)



where the benzo groups can be substituted and/or fused independently of one another.

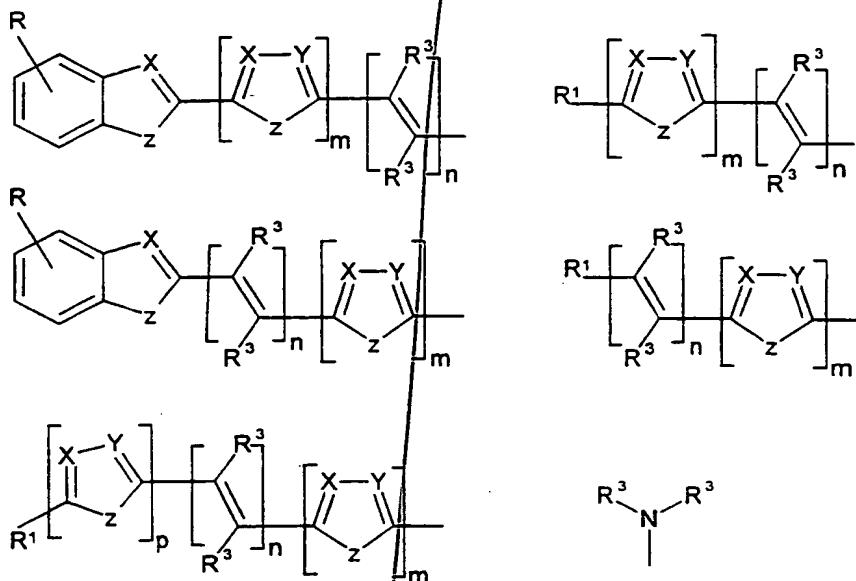
3. Use as claimed in claim 1 and/or 2, wherein use is made of a spirobifluorene derivative of the formula (III)



where the symbols and indices have the following meaning:

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K^a , L, M, N^a are identical or different and are



R can be identical or different on each appearance and have the same meanings as K^a , L, M, N^a or is H, a linear or branched alkyl, alkoxy or ester group having from 1 to 22 carbon atoms, -CN, -NO₂, -NR²R³, -Ar or -O-Ar;

Ar is phenyl, biphenyl, 1-naphthyl, 2-naphthyl, 2-thienyl, 2-furyl, with each of these groups being able to bear one or two radicals R, m, n, p are 0, 1, 2 or 3;

X, Y are identical or different and are CR or nitrogen;

Z is -O-, -S-, -NR¹-, -CR¹R⁴-, -CH=CH-, -CH=N-;

R¹, R⁴ can be identical or different and have the same meanings as R;

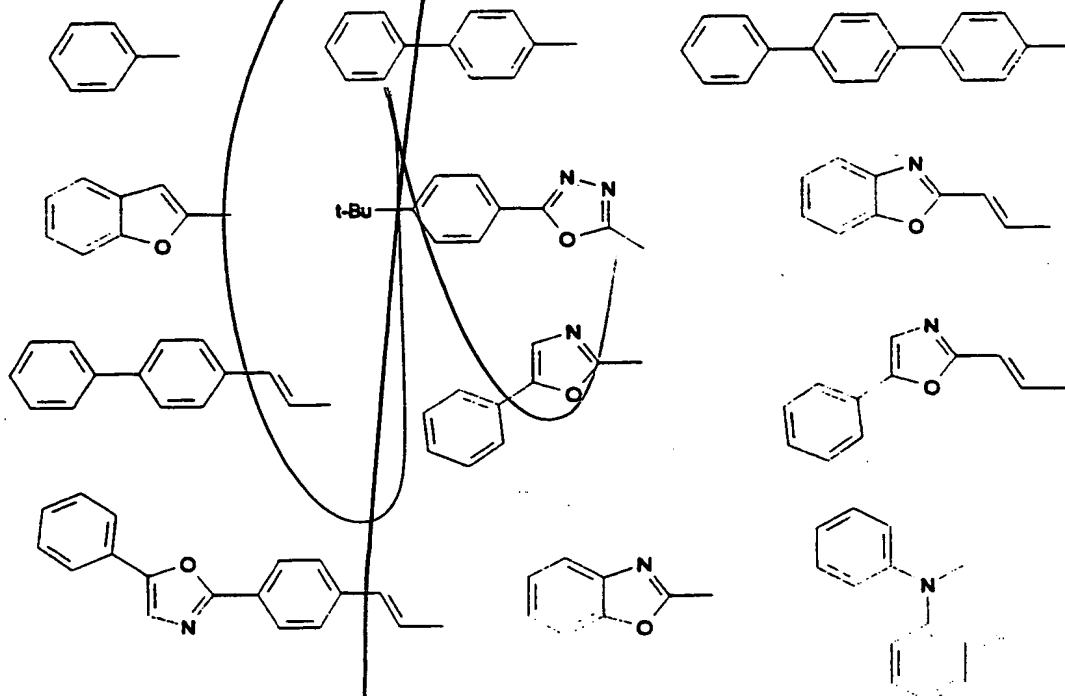
R², R³ are identical or different and are H, a linear or branched alkyl group having from 1 to 22 carbon atoms, -Ar, 3-methylphenyl.

4. Use as claimed in ~~one or more of claims 1 to 3~~, wherein use is made of a spirobifluorene derivative of the formulae (IIIa) to (IIIg)

IIIa) $K^a = L = M = N^a$ and is selected from the group consisting of:

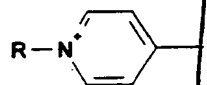
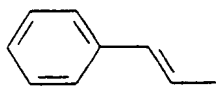
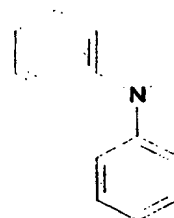
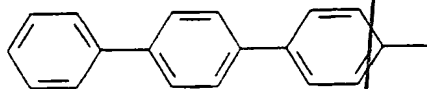
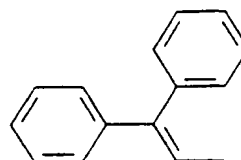
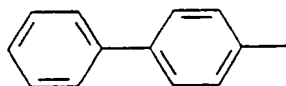
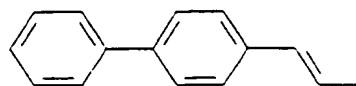
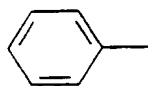


IIIb) $K^* = M = H$ and $N^* = L$ and is selected from the group consisting of:

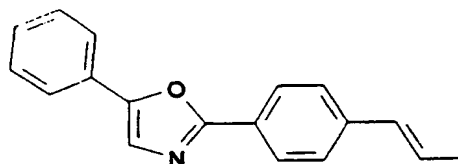
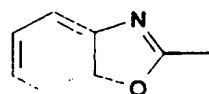
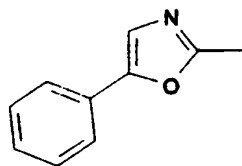
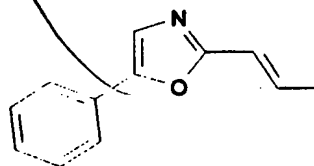
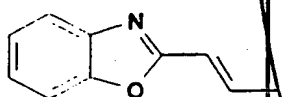
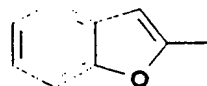
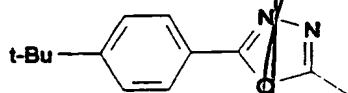


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IIIc) $K^a = M$ and is selected from the group consisting of:

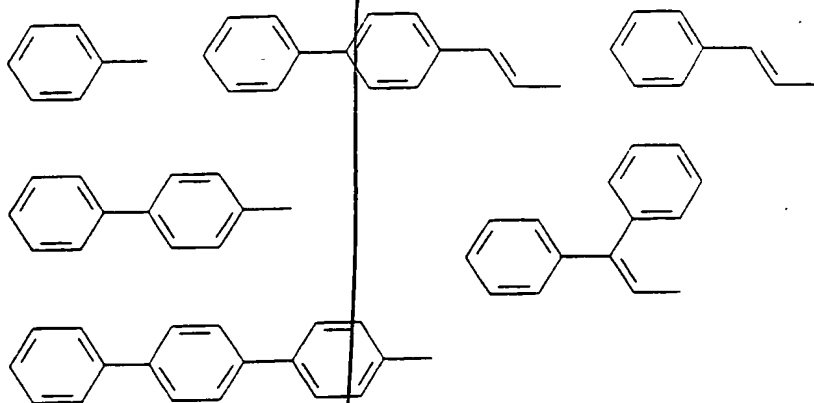
~~R = Alkyl, C₂H₄SO₃⁻~~

and $N^a = L$ and is selected from the group consisting of:

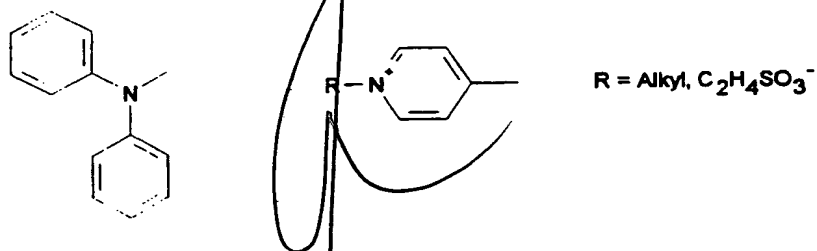


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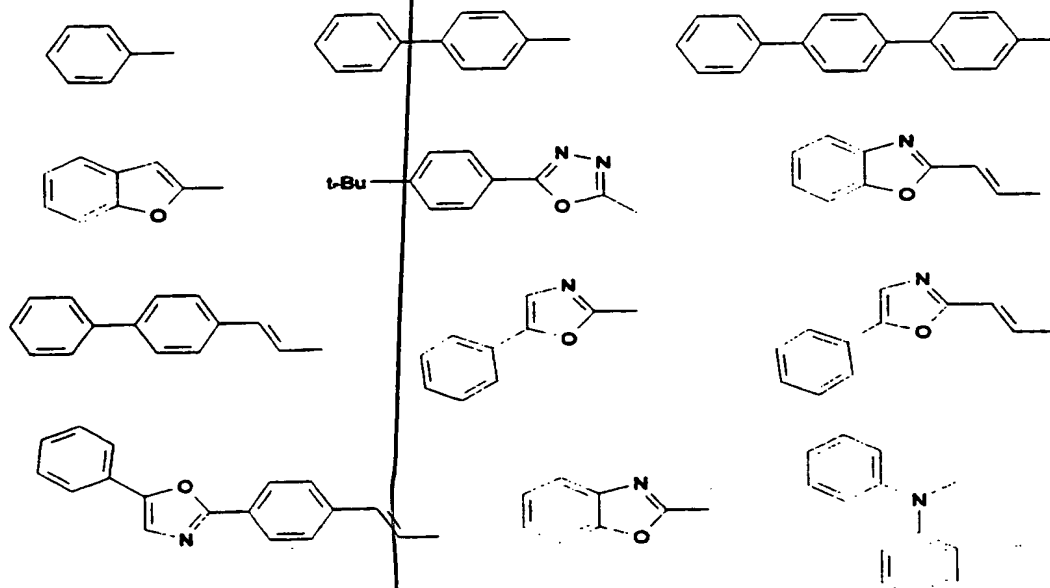
IIIId) $K^* = M$ and is selected from the group consisting of:



and $N^a = L$ and is selected from the group consisting of:



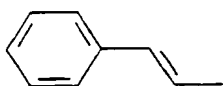
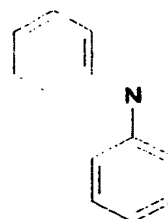
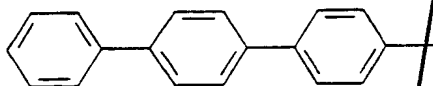
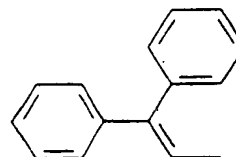
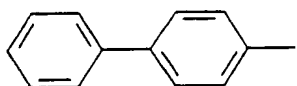
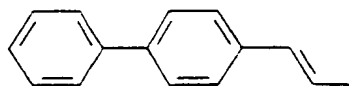
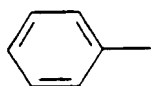
IIIe) $K^a = L = H$ and $M = N^a$ and is selected from the group consisting of:



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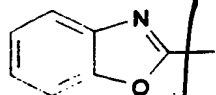
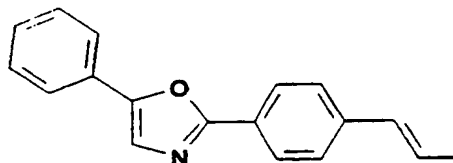
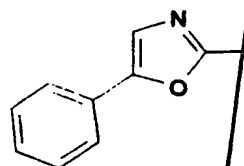
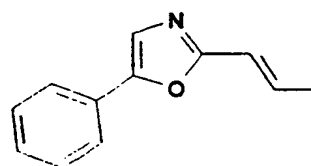
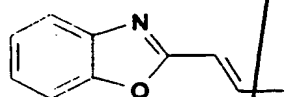
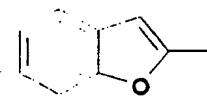
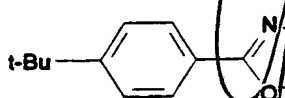
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III f) $K^a = L$ and is selected from the group consisting of:



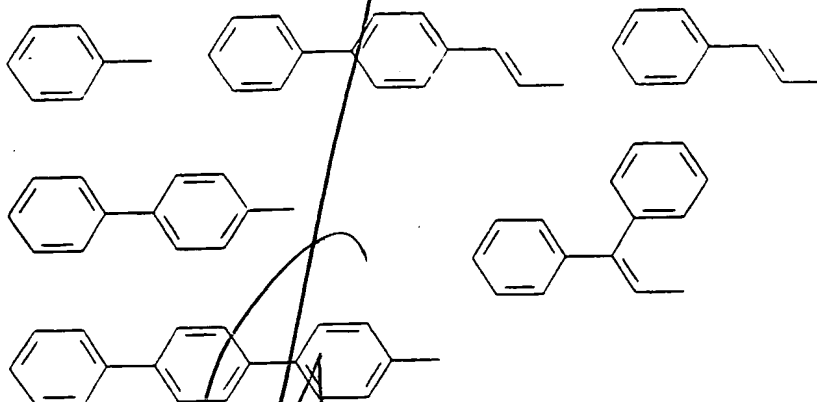
$R = \text{Alkyl}, \text{C}_2\text{H}_4\text{SO}_3^-$

and $M = N^b$ and is selected from the group consisting of:

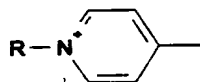
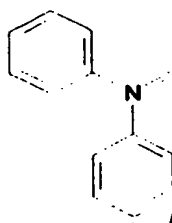


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IIIg) $K^* = L$ and is selected from the group consisting of:



and $M = N^a$ and is selected from the group consisting of:



R = Alkyl, C₂H₄SO₃⁻

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[illegible]